



AF IAW  
USSN: 09/528,682  
Atty. Dkt. No.: PP00342.105  
2302-0342.10

**PATENT**

**CERTIFICATE OF MAILING PURSUANT TO 37 CFR § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on

December 15, 2004.

12/15/04  
Date

Michelle Hobson  
Signature

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

PIZZA et al.

Serial No.: 09/528,682

Filing Date: March 20, 2000

Title: IMMUNOGENIC DETOXIFIED  
MUTANT E. COLI LT-A TOXIN

Examiner: M. Borin

Group Art Unit: 1631

Confirmation No.: 5794

**RESPONSE TO ADVISORY ACTION**

Mail Stop AF  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is responsive to the Advisory Action mailed on December 7, 2004. A Final Office Action was mailed September 15, 2004, making a response filed before or on December 15, 2004 timely filed.

**Remarks** begin on page 2 of this paper.



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**TRANSMITTAL LETTER**

Mail Stop AF  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing, please find the following documents:

X      Response to Advisory Action (9 pages)

X      Return receipt postcard

The fee is calculated as follows:

|  | NO. OF<br>CLAIMS | CLAIMS<br>PREVIOUSLY<br>PAID FOR | EXTRA<br>CLAIMS | RATE       | FEE        |
|--|------------------|----------------------------------|-----------------|------------|------------|
| Total Claims   | 26               | - 26                             | 0               | x \$50.00  | \$0        |
| Independent<br>Claims  | 4                | - 4                              | 0               | x \$200.00 | \$0        |
| Multiple dependent claims not previously presented, add \$360.00 |                  |                                  |                 |            | \$0        |
| Total Amendment Fee  |                  |                                  |                 |            | \$0        |
| Petition for Extension of Time Fee                               |                  |                                  |                 |            | \$0        |
| Small Entity Reduction (if applicable)                           |                  |                                  |                 |            | \$0        |
| <b>TOTAL FEE DUE</b>   |                  |                                  |                 |            | <b>\$0</b> |

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 18-1648.

Respectfully submitted,

Date: December 15, 2004

By: \_\_\_\_\_



Dahna S. Pasternak  
Attorney for Applicant  
Registration No. 41,411

Chiron Corporation  
Intellectual Property – R440  
PO Box 8097  
Emeryville, CA 94662-8097  
Telephone: 650-493-3400  
Facsimile: 650-493-3440